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YOSHIYUKI YOKOTA ETT AL

US Patent 3,522,071, 1970 - Google Patents

 ... thin layer of **yttrium tungstate** thus formed will not give any substantial effect upon the emission mechanism of the **phosphor** until a certain thickness is ...

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[citation] Yttrium-Tungsten Oxides

HJ Borchardt - Inorganic Chemistry, 1963 - American Chemical Society

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TERBIUM ACTIVATED YTTRIUM SILICATE

US Patent 3,758,413, 1973 - Google Patents

 ... though europium activated **yttrium tungstate** is, accord- 45 eral batches of **phosphors** wherein the ratio of x to y was ing to Borchardt, particularly bright ...

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White-light emission derived from yttrium tungstate-chloride xerogel without activator ions

J Huang, H Luo, X Yu, Y Li, W Zou - Journal of Luminescence, 2007 - Elsevier

 ... In this paper, possible mechanism is proposed to explain the observed emission of **yttrium tungstate chloride phosphor** according to the existing models. ...

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Synthesis and luminescent properties of Y₆W₂O₁₅:Eu³⁺ phosphors

J HUANG, H LUO, P ZHOU, X YU, Y LI - Journal of luminescence, 2007 - cat.inist.fr

 ... 7855 H; Matériau luminescent; **Phosphors**; **Yttrium Tungstate**; **Yttrium Tungstates**; Diode électroluminescente; Light emitting diodes; Microscopie électronique ...

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Synthesis and luminescent properties of Y₆W₂O₁₅:Eu³⁺ phosphors

J Huang, H Luo, P Zhou, X Yu, Y Li - Journal of Luminescence, 2007 - Elsevier

 ... With the above considerations in mind, we have synthesized and examined the luminescent properties of Eu³⁺-doped **yttrium tungstate phosphor**. ...

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Phase relationships and their effect on cathodoluminescence in the yttrium oxide-tungsten oxide ...

DS Robertson, PW Smith - Journal of Materials Science, 1981 - Springer

 ... a further study of the luminescent properties of the compounds in the **yttrium-tungstate** phase diagram ... The **phosphors** were all prepared in the follow- ing manner ...

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Stimulated-Emission Cross Section of Nd³⁺ at 1.06 Micrometer in POC13, YAG, CaWO4, ED-2 Glass and ...

M Bimbaum, JA Gelbwachs - 1972 - slinet.dtic.mil

 ... Descriptors : (*LASERS, NEODYMIUM), (*INFRARED LASERS, OPTICAL MATERIALS), **PHOSPHORUS** COMPOUNDS, OXYCHLORIDES, YTTRIUM COMPOUNDS, ALUMINATES, GARNET, CALCIUM ...

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The structure of yttrium tungstate [epsilon]-Y₂WO₆

O Beaury, M Faucher, GT de Sages - Structural Crystallography and Crystal Chemistry - dx.doi.org

 ... 1170 THE STRUCTURE OF YTTRIUM TUNGSTATE e-Y₂WO₆. ... Eu substituted for Y(3) since rare-earth atoms substituted in CN7 sites are rather efficient **phosphors** (eg Y₂O₃ ...

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Nd³⁺ 掺杂的氧化钨透明激光陶瓷的光谱性能研究

丁君, 杨秋红, 廖在峰, 徐军, 苏良碧 - 物理学报, 2006 - 万方数据资源系统

... 掺钕钨酸钇晶体的缺陷 DEFECTS IN SODIUM YTTRIUM TUNGSTATE SINGLE CRYSTAL DOPED ...

 Eu²⁺, Dy³⁺ Long Phosphorescent Phosphor [中国稀土学报 Journal of ...

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Effect of solid matrices on the luminescence of europium(III) ...

... on the luminescence intensity of **europium tungstate** sorbates was studied in ... the intensity exhibited by the commercial FL-612 red-emitting **phosphor**. ...
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SENSITIZATION OF LUMINESCENCE OF EUROPIUM COMPOUNDS ON SOLID ...

Change in the intensity of luminescence of **europium tungstate** copre- can be an alternative to the high-temperature synthesis of crystal **phosphors**. ...
www.ingentaconnect.com/content/klu/japs/2004/00000071/00000002/00491556?crawler=true - [Similar pages](#)
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Journal of the Brazilian Chemical Society - Photoluminescence ...

Since the first **europium tungstate** was prepared from Eu₂O₃ and tungstic acid new efficient emission from the Sm³⁺ and Tb³⁺- doped tungstate **phosphors**, ...
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is only one **europium tungstate** molecule for every. one hundred molecules of yttrium tungstate. ... structural defects in the **phosphor** crystallites such ...
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inrgchem12 4p1932abs

luminescence intensity of **europium tungstate** sorbates was studied in ... up 33% of the intensity exhibited by the commercial FL-612 red-emitting **phosphor**. ...
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